

Title (en)

Method of breeding high-level lactation dairy cows using rumen-bypass amino acids

Title (de)

Verfahren zur Aufzucht von Hochleistungskühen unter Verwendung von vor der Verdauung im Pansen geschützten Aminosäuren

Title (fr)

Méthode d'élevage de vaches à forte production laitière en utilisant des acides aminés protégés de la digestion dans la panse

Publication

EP 0919135 B1 20031119 (EN)

Application

EP 97930837 A 19970718

Priority

- JP 9702499 W 19970718
- JP 19769496 A 19960726

Abstract (en)

[origin: EP0919135A1] Lysine and methionine which are limiting amino acids of dairy cows are administered to dairy cows to decrease the BUN value that has an adverse effect on the conception rate and to increase the blood glucose required to improve the energy balance, that alanine and glutamine are administered to dairy cows to increase the blood glucose and to improve the liver function, and that the use of these amino acids is effective for keeping good conditions of dairy cows, allowing earlier arrival of initial estrus without any stress, improving the mating conception rate and decreasing the non-conception rate.

IPC 1-7

A23K 1/18; **A23K 1/16**; **A23K 3/00**

CPC (source: EP US)

A23K 40/35 (2016.05 - EP US); **A23K 50/10** (2016.05 - EP US); **A61P 15/08** (2017.12 - EP); **Y10S 426/807** (2013.01 - EP US)

Cited by

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